

Proposal Full View

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Applicant Information

Organization Name City of Upland *
 Tax ID 956000805
 Proposal Name 14th Street Storm Water Collection/Integration Project *
 Proposal Objective This project provides an integrated approach to flood control, water quality treatment, and groundwater recharge. *

Budget

Other Contribution	\$0.00
Local Contribution	\$2,000,000.00
Federal Contribution	\$0.00
Inkind Contribution	\$500,000.00
Amount Requested	\$2,500,000.00 *
Total Project Cost	\$5,000,000.00 *

Geographic Information

Latitude * DD(+/-) 34 MM 6 SS 53
 Longitude * DD(+/-) -117 MM 40 SS 41
 Longitude/Latitude Clarification Location Benson/14th Street
 County San Bernardino *
 Ground Water Basin Upper Santa Ana Valley-Chino
 Hydrologic Region South Coast
 Watershed Middle Santa Ana

Legislative Information

Assembly District 61st Assembly District, 63rd Assembly District *
 Senate District 31st Senate District, 32nd Senate District *
 US Congressional District District 26 (CA) *

Project Information

Project Benefits Information

Project Name 14th Street Storm Water Collection/Integration

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Flood Protection	120	Flood protection from both small and large storm events (Q100) and added flood protection during catastrophic dam failure.
Secondary	Water Use Efficiency - Conservation-Water Supply Enhancement	1812	Water supply benefits through storm water runoff ground water recharge
Tertiary	Other-Water quality in general	0	Provides Water Quality

Budget

Other Contribution	0
Local Contribution	2000000
Federal Contribution	0
Inkind Contribution	500000
Amount Requested	2500000
Total Project Cost	5000000

Geographic Information

Latitude DD(+/-) 34 MM 6 SS 53
 Longitude DD(+/-) -117 MM 40 SS 41
 Longitude/Latitude Clarification Location Benson/14th Street

County	San Bernardino
Ground Water Basin	Upper Santa Ana Valley-Chino
Hydrologic Region	South Coast
WaterShed	Middle Santa Ana

Legislative Information

Assembly District	61st Assembly District,63rd Assembly District
Senate District	31st Senate District,32nd Senate District
US Congressional District	District 26 (CA)

Section : Applicant Information Question Tab

APPLICANT INFORMATION QUESTION TAB

01. PROPOSAL DESCRIPTION

Provide a brief abstract of the Proposal, including a listing of individual project titles or types.

Over the past century Upland has been plagued with reoccurring floods, which have caused property damage, disruption of services and loss of human life. During the early part of the century most of the city was agricultural with the land consisting of open space. The open space allows small to medium storm event runoff to infiltrate rather quickly into the underground aquifers. Only runoff from large storm events caused flooding throughout the city, and most damage consisted of crop losses with occasional disruption to roads, electrical and water services. However, over the past 75 years the amount of open space has decreased, due to the change in land use throughout the city, currently the land use is residential, commercial with a small percentage of industrial. The change in land use has magnified runoff flows from small to medium storm events causing wide spread flooding along residential and arterial streets. The City of Upland recognized the importance of drainage facilities and as such has spent over \$56 million dollars throughout the last 75 years constructing drainage facilities using standard flood control practices that convey flows away from private residences and business??? as quickly as possible with no emphases on water quality or conservation. The next evolution in Upland???s Drainage Management is to take a holistic approach in addressing flood protection, water quality (NPDES Permit requirements), ground water recharge (decrease in imported water) and decrease silt and pollutant transportation into downstream sensitive habitat/species areas (Prado Dam) when designing and constructing drainage facilities. The city has constructed a flood control basin (Upland Basin) that has the capacity to retain two back-to-back large (Q100) storm events; however the storm drain system that captures and conveys flows to Upland Basin is approximately 60% complete and requires the construction of additional drainage systems in order to maximize the capacity of Upland Basin and provide flood protection to the west side of the city. The city has identified the 14th Street Storm Water Collection/Integration Project as a high priority drainage project that will provide flood protection by capturing and conveying storm flows to Upland Basin. The additional benefits such as water quality and ground water recharge through the construction of a detention/retention basin will allow recharge of storm flows into multiple aquifer basins and the decrease of pollutants and silt transportation into downstream sensitive habitat/species areas such as Santa Ana River and Prado Dam. In addition, the proposed project will be capable of mitigating flood damage and loss of life from a potential catastrophic San Antonio Dam failure. As stated in the City of Upland???s Emergency Operations Plan ???Results of hazard analysis suggests that dam failure would likely occur only in the event of concurrent occurrence of two relatively rare events ??? significant seismic activity on the Cucamonga Fault and unseasonal precipitation. Nevertheless, contingency plans and departmental SOPs addressing the threat of dam failure are being prepared???, San Antonio Dam is located approximately 0.5 mile from the city of Upland???s northwest boundary and has a maximum capacity of approximately 9,110 Acre-ft. Should an earthquake occur during the period the dam is holding any significant amount of water, flooding would occur downstream within the city of Upland and neighboring cities. In summary the 14th Street Storm Water Collection/Integration Project enhances flood protection, improve water quality, conserve water through ground water recharge, decrease concentration of pollutants and silt to downstream sensitive habitat/species areas, reduce the amount of property losses, and minimize disruption of services and loss of human life due to catastrophic dam failure.

02. PROJECT DIRECTOR

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Anthony La, Director of Public Works, Tel. No. 909-291-2931, e-mail address: ala@ci.upland.ca.us

03. PROJECT MANAGEMENT

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

Anthony La, Director of Public Works Tel. No. 909-291-291-2931, e-mail address: ala@ci.upland.ca.us

04. APPLICANT INFORMATION

Provide the agency name, address, city, state, and zip code of the applicant submitting the application. Also provide the name and contact information of the person filling out the online application.

City of Upland 1370 N. Benson Avenue Upland Ca. 91786 Person filling out the application: Saul Martinez Tel. no. 909-291-2941, e-mail address: smartinez@ci.ipland.ca.us

05. ADDITIONAL INFORMATION

Provide the funding area(s) in which projects are located.

http://www.water.ca.gov/irwm/integregio_fundingarea.cfm

Santa Ana Subregion Area

06. RESPONSIBLE REGIONAL WATER QUALITY CONTROL BOARD (S)

List the name of the Regional Water Quality Control Board (RWQCB) in which your proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board.

http://www.waterboards.ca.gov/waterboards_map.shtml

Santa Ana Regional Water Quality Control Board 3737 Main Street, Suite 500 Riverside, CA 92501-3348

**Q7.
ELIGIBILITY**

Is the application from an IRWM planning region approved in the RAP (See Section II B, Table 1)? If yes, include the name of the IRWM planning region. If not, explain.
Number 29-Santa Ana Watershed Project Authority

**Q8.
ELIGIBILITY**

Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines?
Local agency (City of Upland)

**Q9.
ELIGIBILITY**

List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q10 and Q11.

N/A

**Q10.
ELIGIBILITY**

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q9, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

N/A

**Q11.
ELIGIBILITY**

Have any urban water suppliers listed in Q9 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

N/A

**Q12.
ELIGIBILITY**

Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project (s) and list the agency(ies) that will implement the project(s).

Yes, the Project listed in this application Project: 14th Street Storm Water collection/Integration Project encompasses groundwater recharge. City of Upland will implement the project.

**Q13.
ELIGIBILITY**

For the agency(ies) listed in Q12, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section IIIB of the Grant Guidelines?

Yes, City of Upland has complied with CWC 10753, through the participation in the Chino Basin Watermaster 2010 Recharge Master Plan. In addition Upland conforms to the requirements of an adjudication of water rights within the Chino Basin.

**Q14:
ELIGIBILITY**

Does the applicant have a Stormwater Resources Plan developed pursuant to Part 2.3 (commencing with Section 10560) of Division 6 of the Water Code, or an IRWM Plan that includes the Stormwater Resources Plan requirements specified in Section 10562 of the Water Code? Please answer yes or no. If yes, please answer Question 15 or 16, as applicable.

- a) Yes
- b) No

**Q15:
ELIGIBILITY**

For applicants with a Stormwater Resources Plan, does that Plan meet the standards set forth in Part 2.3 of Division 6 of the CWC? If yes, provide attachment 13.

- a) Yes
- b) No

**Q16:
ELIGIBILITY**

For applicants with an IRWM Plan, does that Plan include the Stormwater Resources Plan requirements specified in Section 10562 of the CWC? If yes, provide attachment 13.

- a) Yes
- b) No

**NOTES TO BMS
ADMINISTRATOR**

Provide notes about any potential problems you may have had with BMS that are particular to your application.

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

ATTACHMENT 1: AUTHORIZATION AND ELIGIBILITY REQUIREMENTS

Upload Authorization and Eligibility documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Eligible.pdf

Upload additional Authorization and Eligibility documentation here.

Last Uploaded Attachments:

EXHIBIT_A_14ST__REGIONAL_WATER_QF2.pdf

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

Upload additional Authorization and Eligibility documentation here.

ATTACHMENT 2: ADOPTED PLAN AND PROOF OF FORMAL ADOPTION

Upload Proof of Formal Adoption documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Adopt.pdf

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

Upload additional Proof of Formal Adoption documentation here.

ATTACHMENT 3: WORK PLAN

Upload the Work Plan here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: WorkPlan.docx

Upload additional work plan components here.

Upload additional work plan components here.

Upload additional work plan components here.

Upload additional work plan components here.

ATTACHMENT 4: BUDGET

Upload the Budget here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Budget.xlsx

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

Upload additional budget components here.

ATTACHMENT 5: SCHEDULE

Upload the Schedule here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Schedule.xlsx

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

Upload additional schedule components here.

ATTACHMENT 6: MONITORING, ASSESSMENT, AND PERFORMANCE MEASURES

Upload Monitoring, Assessment, and Performance Measures here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Measures.docx

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

Upload additional Monitoring, Assessment, and Performance Measures here.

ATTACHMENT 7: ECONOMIC ANALYSIS - FLOOD DAMAGE REDUCTION COSTS AND BENEFITS

Upload Economic Analysis - Flood Damage Reduction Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: DReduc.docx

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

Upload additional Economic Analysis - Flood Damage Reduction Costs and Benefits documentation here.

ATTACHMENT 8: ECONOMIC ANALYSIS - WATER SUPPLY COSTS AND BENEFITS

Upload Economic Analysis - Water Supply Costs and Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: WSBen.docx

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Upload additional - Water Supply Costs and Benefits documentation here.

Section : Application Attachments Tab (cont)

APPLICATION ATTACHMENTS TAB (CONT)

ATTACHMENT 9: WATER QUALITY AND OTHER EXPECTED BENEFITS

Upload Water Quality and Other Expected Benefits here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: WQOtherBen.docx

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

Upload additional Water Quality and Other Expected Benefits documentation here.

ATTACHMENT 10: COSTS AND BENEFITS SUMMARY

Upload Costs and Benefits Summary here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: CBSummary.docx

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

Upload additional Costs and Benefits Summary documentation here.

ATTACHMENT 11: PROGRAM PREFERENCES

Upload Program Preference documentation here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: Preference.docx

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

Upload additional Program Preference documentation here.

ATTACHMENT 12: AB1420 AND WATER METER COMPLIANCE INFORMATION

Upload AB1420 and Water Meter Compliance Information here. Ensure file name is consistent with section V of the Stormwater Flood Management PSP (disregard the 5 digit pin).

Last Uploaded Attachments: AB 1420 Prop 1E.pdf

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

Last Uploaded Attachments: Cert for Compliance water metering Req.pdf

Upload additional AB1420 and Water Meter Compliance documentation here.

Upload additional AB1420 and Water Meter Compliance documentation here.

ATTACHMENT 13: STORMWATER RESOURCES PLAN

This attachment is only necessary if the applicant has an existing Stormwater Resources Plan, pursuant (commencing with Section 10560) of Division 6 of the Water Code and answered "yes" to Q15 or Q16.

The summary text must be no more than 5 pages in length using a minimum of 10-point type font. Excerpts from the Plan must not exceed 15 pages.

Attachment 13 must provide the following:

Identify and include portions of the applicable Plan that demonstrate all of the standards of Part 2.3 (commencing with Section 10560) of Division 6 of the CWC.

Last Uploaded Attachments: Storm Water Resource Plan.docx

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.

Upload additional Stormwater Resources Plan documentation here.